

## Author index

Volume 58 (1996)

Alkema, M., see van der Lugt, N.M.T. 58, 153

Alvarado-Mallart, R.-M., see Bloch-Gallego, E.

Annerwall, E., see Gustafson, A.-L. 58, 27

Axelrod, J.D., see Klingensmith, J. 58, 15

Baltzinger, M., F. Relaix, P. Remy, Transcription of XLPOU3, a brainspecific gene, during *Xenopus laevis* early embryogenesis 58, 103

Bandman, E., see Lefeuvre, B. 58, 115

Beier, D.R., see Klingensmith, J. 58, 15

Berns, A., see van der Lugt, N.M.T. 58, 153

Bloch-Gallego, E., S. Millet, R.-M. Alvarado-Mallart, Further observations on the susceptibility of diencephalic prosomeres to *En-2* induction and on the resulting histogenetic capabilities 58, 51

Boncinelli, E., see Mallamaci, A. 58, 165

Borchiellini, C., J. Coulon, Y. Le Parco, The function of type IV collagen during *Drosophila* muscle development 58, 179

Bouillet, P., M. Oulad-Abdelghani, S.J. Ward, S. Bronner, P. Chambon, P. Dollé, A new mouse member of the *Wnt* gene family, *mWnt-8*, is expressed during early embryogenesis and is ectopically induced by retinoic acid 58, 141

Briata, P., see Mallamaci, A. 58, 165

Bronner, S., see Bouillet, P. 58, 141

Chambon, P., see Bouillet, P. 58, 141

Chen, X., see Wang, W. 58, 203

Corte, G., see Mallamaci, A. 58, 165

Coulon, J., see Borchiellini, C. 58, 179

Crossin, F., see Lefeuvre, B. 58, 115

D'Alessio, M., M. Frasch, *msh* may play a conserved role in dorsoventral patterning of the neuroectoderm and mesoderm 58, 217

de Laat, S.W., see den Hertog, J. 58, 89

den Hertog, J., J. Overvoorde, S.W. de Laat, Expression of receptor protein-tyrosine phosphatase  $\alpha$  mRNA and protein during mouse embryogenesis 58, 89

Dencker, L., see Gustafson, A.-L. 58, 27

Deschamps, J., see van der Lugt, N.M.T. 58, 153

Di Blas, E., see Mallamaci, A. 58, 165

Dollé, P., see Bouillet, P. 58, 141

Donovan, M., see Gustafson, A.-L. 58, 27

Eriksson, U., see Gustafson, A.-L. 58, 27

Fontaine-Pérus, J., see Lefeuvre, B. 58, 115

Frasch, M., see D'Alessio, M. 58, 217

Gardahaut, M.-F., see Lefeuvre, B. 58, 115

Gustafson, A.-L., M. Donovan, E. Annerwall, L. Dencker, U. Eriksson, Nuclear import of cellular retinoic acid-binding protein type I in mouse embryonic cells 58, 27

Hoch, M., M.J. Pankratz, Control of gut development by fork head and cell signaling molecules in *Drosophila* 

Hrdlicka, L.A., see Xiao, H. 58, 65

Kao, K.R., A. Lockwood, Negative regulation of dorsal patterning in early embryos by overexpression of XrelA, a Xenopus homologue of NF-κB 58, 129

Klingensmith, J., Y. Yang, J.D. Axelrod, D.R. Beier, N. Perrimon, D.J. Sussman, Conservation of dishevelled structure and function between flies and mice: isolation and characterization of Dvl2 58, 15

Le Parco, Y., see Borchiellini, C. 58, 179

Lefeuvre, B., F. Crossin, J. Fontaine-Pérus, E. Bandman, M.-F. Gardahaut, Innervation regulates myosin heavy chain isoform expression in developing skeletal muscle fibers 58, 115

Lockwood, A., see Kao, K.R. 58, 129

Lu, S., C.S. Shashikant, F.H. Ruddle, Separate cis-acting elements determine the expression of mouse Dbx gene in multiple spatial domains of the central nervous system 58, 193

Lufkin, T., see Wang, W. 58, 203

Mallamaci, A., E. Di Blas, P. Briata, E. Boncinelli, G. Corte, OTX2 homeoprotein in the developing central nervous system and migratory cells of the olfactory area 58, 165

Millet, S., see Bloch-Gallego, E.

Mlodzik, M., see Strutt, D.I. 58, 39

Nambu, J.R., see Xiao, H. 58, 65

Nemer, M., E.W. Stuebing, WEE1-like CDK tyrosine kinase mRNA level is regulated temporally and spatially in sea urchin embryos 58, 75

Oulad-Abdelghani, M., see Bouillet, P. 58, 141 Overvoorde, J., see den Hertog, J. 58, 89

Pankratz, M.J., see Hoch, M.J. 58, 3

Perrimon, N., see Klingensmith, J. 58, 15

Relaix, F., see Baltzinger, M. 58, 103

Remy, P., see Baltzinger, M. 58, 103

Ruddle, F.H., see Lu, S. 58, 193

Shashikant, C.S., see Lu, S. 58, 193

Strutt, D.I.., M. Mlodzik, The regulation of hedgehog and decapentaplegic during Drosophila eye imaginal disc development 58, 39

Stuebing, E.W., see Nemer, M. 58, 75

Sussman, D.J., see Klingensmith, J. 58, 15

van der Lugt, N.M.T., M. Alkema, A. Berns, J. Deschamps, The *Poly-comb*-group homolog Bmi-1 is a regulator of murine *Hox* gene expression 58, 153

Wang, W., X. Chen, H. Xu, T. Lufkin, Msx3: a novel murine homologue of the Drosophila msh homeobox gene restricted to the dorsal embryonic central nervous system 58, 203

Ward, S.J., see Bouillet, P. 58, 141

Xiao, H., L.A. Hrdlicka, J.R. Nambu, Alternate functions of the singleminded and rhomboid genes in development of the Drosophila ventral neuroectoderm 58, 65 Xu, H., see Wang, W. 58, 203

Yang, Y., see Klingensmith, J. 58, 15



Mechanisms of Development 58 (1996) 235-236



## Subject index

Volume 58 (1996)

bagpipe; Cell signaling in the gut; hedgehog; wingless; decapentaple-Drosophila; dishevelled; Dvl2; Mouse 58, 15 gic; fork head; Gut; Morphogenesis Drosophila; hedgehog; decapentaplegic; patched; engrailed 58, 39 Bmi-1; Polycomb-group; Hox; Mel-18; Patterning Drosophila; Neuroectoderm; Single-minded; Rhomboid 58, 65 Brain; Homeobox; OTX2; Development; Cerebellum; Olfactory system 58, 165 Drosophila; Type IV collagen; Muscle development 58, 179 Brain; POU domain; Xenopus embryo; Development 58, 103 Dvl2; dishevelled; Drosophila; Mouse 58, 15 Cell cycle; Weel CDK tyrosine kinase; mRNA; Sea urchin embryo engrailed; Drosophila; hedgehog; decapentaplegic; patched 58, 39 58, 75 Enhancer; Forebrain patterning; Transgenic analysis; Oculomotor Cell signaling in the gut; hedgehog; wingless; decapentaplegic; fork nerve 58, 193 head; bagpipe; Gut; Morphogenesis 58, 3 Forebrain patterning; Enhancer; Transgenic analysis; Oculomotor Central nervous system; Drosophila; msh; Msx3; Homeobox 58, nerve 58, 193 Forebrain; Midbrain; Cerebellum; Pax-6 expression; Chick/quail Cerebellum; Forebrain; Midbrain; Pax-6 expression; Chick/quail chichimeras; Neural transplantation 58, 51 meras; Neural transplantation 58, 51 fork head; Cell signaling in the gut; hedgehog; wingless; decapenta-Cerebellum; Homeobox; OTX2; Brain; Development; Olfactory sysplegic; bagpipe; Gut; Morphogenesis 58, 3 tem 58, 165 Gastrulation; In situ hybridization; Mouse development; Neurulation; Chick/quail chimeras; Forebrain; Midbrain; Cerebellum; Pax-6 ex-Retinoic acid-induced genes; Rhombomeres; Wnt genes 58, 141 pression; Neural transplantation 58, 51 Gene regulation; Retinoic acid; Nucleus; Import; Mouse 58, 27 Co-culture; Quail embryo; Myogenesis; Neural tube ablation; Myoblast culture; Myosin heavy chain isoform 58, 115 Gut; Cell signaling in the gut; hedgehog; wingless; decapentaplegic; fork head; bagpipe; Morphogenesis 58, 3 decapentaplegic; Cell signaling in the gut; hedgehog; wingless; fork head; bagpipe; Gut; Morphogenesis 58, 3 hedgehog; Cell signaling in the gut; wingless; decapentaplegic; fork head; bagpipe; Gut; Morphogenesis 58, 3 decapentaplegic; Drosophila; hedgehog; patched; engrailed 58, 39 hedgehog; Drosophila; decapentaplegic; patched; engrailed 58, 39 Development; Homeobox; OTX2; Brain; Cerebellum; Olfactory system 58, 165 Homeobox; Central nervous system; Drosophila; msh; Msx3 58, 203 Development; POU domain; Xenopus embryo; Brain 58, 103 Homeobox; OTX2; Brain; Development; Cerebellum; Olfactory system 58, 165 Differential expression; Receptor protein-tyrosine phosphatase; In situ hybridization; Immunohistochemistry; Neurogenesis 58, 89 Hox; Bmi-1; Polycomb-group; Mel-18; Patterning 58, 153 dishevelled; Dvl2; Drosophila; Mouse 58, 15 Immunohistochemistry; Receptor protein-tyrosine phosphatase; In situ hybridization; Neurogenesis; Differential expression 58, 89 Dorsoventral patterning; Neuroectoderm; Muscle development; msh; Msx; vnd; Nkx-2; Proneural genes 58, 217

Import; Retinoic acid; Nucleus; Mouse; Gene regulation 58, 27

In situ hybridization; Receptor protein-tyrosine phosphatase; Immunohistochemistry; Neurogenesis; Differential expression 58, 89

Drosophila; Central nervous system; msh; Msx3; Homeobox 58, 203

Dorsoventral patterning; NF-kB; Xenopus 58, 129

Mel-18; Bmi-1; Polycomb-group; Hox; Patterning 58, 153

Midbrain; Forebrain; Cerebellum; Pax-6 expression; Chick/quail chimeras; Neural transplantation 58, 51

Morphogenesis; Cell signaling in the gut; hedgehog; wingless; decapentaplegic; fork head; bagpipe; Gut 58, 3

Mouse; dishevelled; Dvl2; Drosophila 58, 15

Mouse; Retinoic acid; Nucleus; Import; Gene regulation 58, 27

mRNA; Weel CDK tyrosine kinase; Sea urchin embryo; Cell cycle 58, 75

msh; Central nervous system; Drosophila; Msx3; Homeobox 58, 203

msh; Neuroectoderm; Muscle development; Msx; vnd; Nkx-2; Proneural genes; Dorsoventral patterning 58, 217

Msx; Neuroectoderm; Muscle development; msh; vnd; Nkx-2; Proneural genes; Dorsoventral patterning 58, 217

Msx3; Central nervous system; Drosophila; msh; Homeobox 58, 203

Muscle development; Neuroectoderm; msh; Msx; vnd; Nkx-2; Proneural genes; Dorsoventral patterning 58, 217

Muscle development; Type IV collagen; Drosophila 58, 179

Myoblast culture; Quail embryo; Myogenesis; Neural tube ablation; Co-culture; Myosin heavy chain isoform 58, 115

Myogenesis; Quail embryo; Neural tube ablation; Myoblast culture; Co-culture; Myosin heavy chain isoform 58, 115

Myosin heavy chain isoform; Quail embryo; Myogenesis; Neural tube ablation; Myoblast culture; Co-culture 58, 115

Neural transplantation; Forebrain; Midbrain; Cerebellum; Pax-6 expression; Chick/quail chimeras 58, 51

Neural tube ablation; Quail embryo; Myogenesis; Myoblast culture; Co-culture; Myosin heavy chain isoform 58, 115

Neuroectoderm; Drosophila; Single-minded; Rhomboid 58, 65

Neuroectoderm; Muscle development; msh; Msx; vnd; Nkx-2; Proneural genes; Dorsoventral patterning 58, 217

Neurogenesis; Receptor protein-tyrosine phosphatase; In situ hybridization; Immunohistochemistry; Differential expression 58, 89

NF-kB; Dorsoventral patterning; Xenopus 58, 129

Nkx-2; Neuroectoderm; Muscle development; msh; Msx; vnd; Proneural genes; Dorsoventral patterning 58, 217

Nucleus; Retinoic acid; Import; Mouse; Gene regulation 58, 27

Oculomotor nerve; Enhancer; Forebrain patterning; Transgenic analysis 58, 193

Olfactory system; Homeobox; OTX2; Brain; Development; Cerebellum 58, 165

OTX2; Homeobox; Brain; Development; Cerebellum; Olfactory system 58, 165

patched; Drosophila; hedgehog; decapentaplegic; engrailed 58, 39

Patterning; Bmi-1; Polycomb-group; Hox; Mel-18 58, 153

Pax-6 expression; Forebrain; Midbrain; Cerebellum; Chick/quail chimeras; Neural transplantation 58, 51

Polycomb-group; Bmi-1; Hox; Mel-18; Patterning 58, 153

POU domain; Xenopus embryo; Development; Brain 58, 103

**Proneural genes**; Neuroectoderm; Muscle development; *msh*; Msx; *vnd*; Nkx-2; Dorsoventral patterning 58, 217

Quail embryo; Myogenesis; Neural tube ablation; Myoblast culture; Co-culture; Myosin heavy chain isoform 58, 115

Receptor protein-tyrosine phosphatase; In situ hybridization; Immunohistochemistry; Neurogenesis; Differential expression 58, 89

Retinoic acid; Nucleus; Import; Mouse; Gene regulation 58, 27

Rhomboid; Drosophila; Neuroectoderm; Single-minded 58, 65

Sea urchin embryo; Weel CDK tyrosine kinase; mRNA; Cell cycle 58, 75

Single-minded; Drosophila; Neuroectoderm; Rhomboid 58, 65

**Transgenic analysis**; Enhancer; Forebrain patterning; Oculomotor nerve **58**, 193

Type IV collagen; Drosophila; Muscle development 58, 179

vnd; Neuroectoderm; Muscle development; msh; Msx; Nkx-2; Proneural genes; Dorsoventral patterning 58, 217

Weel CDK tyrosine kinase; mRNA; Sea urchin embryo; Cell cycle 58, 75

wingless; Cell signaling in the gut; hedgehog; decapentaplegic; fork head; bagpipe; Gut; Morphogenesis 58, 3

Xenopus embryo; POU domain; Development; Brain 58, 103

Xenopus; NF-kB; Dorsoventral patterning 58, 129